

DERWENT-ACC-NO: 1968-66566P

DERWENT-WEEK: 196800

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TITLE: Printed laminated thermoplastic wrapping sheets bonded

PATENT-ASSIGNEE: UNION CARBIDE CORP[UNIC]

PRIORITY-DATA: 1964CA-0900393 (April 15, 1964)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

CA 739923 A N/A 000 N/A

ABSTRACTED-PUB-NO: CA 739923A

BASIC-ABSTRACT:

Two thermoplastic sheets of wrapping material, e.g. for bread, are laminated by printing with ink on a surface of one sheet and uniting the printed surface while the ink is still wet with the printable surface of another sheet, the sheets being bonded by the ink. When one of the sheets is wider than the other, portions of it may extend beyond the opposite sides edges of the narrower sheet. The thermoplastics may be e.g., polyethylene, polypropylene, nylon, vinyl chloride or vinylidene chloride. Standard flexographic inks are used. If necessary, the sheets are flame-treated to render them printable.

TITLE-TERMS: PRINT LAMINATE THERMOPLASTIC WRAP SHEET BOND

DERWENT-CLASS: A00

CPI-CODES: A04-G02; A11-B09; A11-C01; A12-S06;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Multipunch Codes: 01& 041 046 047 303 313 364 366 367 371 381 431 435 443 446 477 633 688 723

L Number	Hits	Search Text	DB	Time stamp
19	23	transfer\$8 near9 ((hot near2 melt) heat) and (screen\$1printing near5 ink)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 18:27
20	42	pvc near3 plastisol near9 ink	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:34
21	8	(pvc near3 plastisol near9 ink) near9 (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:35
22	154	pvc near9 (plastisol plasticizer) same (pigment ink) same (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:36
23	121	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:42
25	0	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) same screen\$1print\$4	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:54
24	79	(pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) near9 (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:56
26	1	((pvc (polyvinyl near2 chloride)) near9 (plastisol plasticizer) near9 (pigment ink) same (aqueous water solvent)) and screen\$1print\$4	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:54
28	33	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer same (pigment ink) same (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 14:58
27	10	(pvc (polyvinyl near2 chloride)) near9 plastisol near9 plasticizer near9 (pigment ink) same (aqueous water solvent)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 15:14
29	489	transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 15:17
32	200	applique graphic logo decal label) and transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)	USPAT; US-PGPUB; EPO, JPO, DERWENT; IBM_TDB	2003/04/15 15:23

33	70	((applique graphic logo decal label) and (transfer\$8 near9 ((hot near2 melt) heat) and release near2 paper same (release silicone) near4 coat\$4)) and (fabric garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 15:56
30	119	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:09
34	25	(transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6) and (fabric garment)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 15:56
35	36	(transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6) and (fabric garment cotton cloth\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 15:57
36	1	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal label) and laser near9 cut\$6 same (sing\$4 burn\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:13
37	65	(applique graphic logo decal label) and laser near9 cut\$6 same (sing\$4 burn\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:21
38	126	(applique graphic logo decal label) same (sing\$4 burn\$4) same laser	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:15
39	24	(applique graphic logo decal label) same (sing\$4 burn\$4) same laser same cut\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:36
40	1	laser near3 cut\$6 same (sing\$4 burn\$4) same visible near5 (line mark)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:23
41	539	laser near3 cut\$6 same (sing\$4 burn\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:23
42	240	laser near3 cut\$6 near9 (sing\$4 burn\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:36
44	2	(laser near3 cut\$6 same (sing\$4 burn\$4)) same weed\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/15 16:26

43	43	(laser near3 cut\$6 same (sing\$4 burn\$4)) same (design indicia graphic letter image)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 16:27
45	1479	(applique graphic logo decal label design) same laser near9 (sing\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 16:39
46	555	(applique graphic logo decal label design) near9 laser near9 (sing\$4 burn\$4 white\$6 track blacken\$9 mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 16:41
47	11	(applique graphic logo decal label design) near9 laser near9 (sing\$4 burn\$4 white\$6 blacken\$4) near9 (track visible line mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 16:44
49	2850	laser near9 cut\$4 near9 (track visible line mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 17:16
48	40	laser near9 cut\$4 near9 (sing\$4 burn\$4 white\$6 blacken\$4) near9 (track visible line mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 16:57
50	9	laser near9 cut\$4 near9 (edge line) near9 (char\$5 sing\$4 burn\$4 blacken\$4) near9 (track visible trace mark\$4)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 17:02
51	62	laser near9 (trace sing\$4 burn\$4 track visible line mark\$4) near9 edge near3 cut	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 17:44
52	2	4851061.pn.	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 18:25
53	70	label near9 plurality near9 release near3 (paper sheet)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 18:30
54	11	(label near9 plurality near9 release near3 (paper sheet)) same perforat\$5	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 18:26
55	3	transfer\$8 near9 (hot near2 melt) heat) and (label near9 plurality near9 release near3 (paper sheet))	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 18:30

56	44	transfer\$8 near9 ((hot near2 melt) heat) near9 label same release near3 (backing paper sheet)	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 18:47
57	3	(transfer\$8 near9 ((hot near2 melt) heat) near9 label same release near3 (backing paper sheet)) same roll	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 18:41
58	3	("3984167" "3616015") pn.	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 18:52
59	0	117/3.2 ccls.	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 18:52
-	13	transfer near3 heat near9 graphic same fabric	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 12:32
-	6	"6015604" "5902667"	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 09:07
-	247	transfer near3 heat same (graphic logo decal pattern) same fabric	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 09:57
-	6571	transfer near3 heat same (graphic logo decal pattern)	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 11:01
-	1	(transfer near3 heat same (graphic logo decal pattern)) same kiss\$1cut\$4	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 10:54
-	4	(stahl near3 brett) in.	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 10:55
-	289	(transfer near3 heat same (graphic logo decal pattern)) same cut\$4	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 10:59
-	20	transfer near3 heat same (graphic logo decal) same cut\$4	USPAT. US-PGPUB. EPO, JPO, DERWI NT, IBM_TDB	2003/04/15 11:38

-	7	"5573834"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:34
-	1	transfer near3 heat same (graphic logo decal) and screen\$1print\$4 near4 ink	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:39
-	7	transfer near3 heat and (graphic logo decal) and screen\$1print\$4 near4 ink	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:39
-	7	transfer\$8 near3 heat and (graphic logo decal) and screen\$1print\$4 near4 ink	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:43
-	624	transfer\$8 near3 heat same (applique graphic logo decal)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:50
-	9	(transfer\$8 near3 heat same (applique graphic logo decal)) and ink same adhesive same liquid	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 11:51
-	107549	transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 12:05
-	47	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and ink near9 liquid near9 adhesive	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 12:17
-	16	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and ink near9 liquid near9 (applying coat\$4) near9 adhesive	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 12:55
-	2	(transfer\$8 near9 ((hot near2 melt) heat) and (applique application graphic logo decal)) and (paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near3 adhesive	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 13:52
-	10	"3733212"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 12:09
-	1	(paint pigment dye ink) near3 liquid near9 (thermoplastic (het-sensitive)) near3 adhesive near9 applying	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TDB	2003/04/15 12:13

-	3	(paint pigment dye ink) near3 liquid near9 (thermoplastic (heat-sensitive)) near3 adhesive near9 (coat\$4 laminat\$5 applying)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:44
-	53	(paint pigment dye ink) near3 liquid near9 (thermoplastic (heat-sensitive)) near9 (coat\$4 laminat\$5 applying)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:15
-	1	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 (laminat\$5 applying)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:21
-	14	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 (coat\$4 laminat\$5 applying)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:23
-	3	(paint pigment dye ink) near9 wet near9 (thermoplastic (heat-sensitive)) near9 bond\$4	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:25
-	14	"739923"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:25
-	4	"5667614"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 12:32
-	1	"20030035933"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 13:13
-	22	"5112423"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 13:26
-	23	"3660212"	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 13:50
-	3908	screen\$1printing	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 13:51
-	378	screen\$1printing near5 (ink paint\$4 pigment)	USPAT. US-PGPUB. EPO, JPO, DERWENT, IBM_TIDB	2003/04/15 13:52

-	308	screen\$1printing near5 ink	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 13:52
-	9	transfer\$8 near9 ((hot near2 melt) heat) and (applique graphic logo decal) and (screen\$1printing near5 ink)	USPAT, US-PGPUB, EPO, JPO, DERWENT, IBM_TDB	2003/04/15 14:08